Standard Communication Band Amplifiers

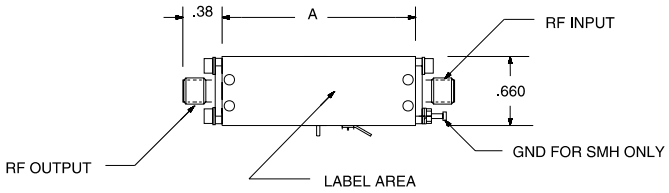
HIGH POWER LINEAR AMPLIFIERS

SPECIFICATIONS

MODEL NUMBER	FREQUENCY RANGE (GHz)	GAIN MIN (dB)	NOISE FIGURE MAX (dB)	P1dB MIN (dBm)	GAIN FLATNESS MAX (±dB)	IP3 TYP (dBm)	VSWR 50 OHMS I/O TYP	CURRENT @ 12 Vdc MAX (mA)	CASE OPTIONS
DBS-5044N530	4.0-5.0	28	3.0	30	0.5	40	2.0/2.0	1200	4MH
DBS-5954N530	5.4-5.9	28	3.0	30	0.5	40	2.0/2.0	1200	4MH
DBS-6459N530	5.9-6.4	28	3.0	30	0.5	40	2.0/2.0	1200	4MH
DBS-7772N530	7.25-7.75	28	3.0	30	0.5	40	2.0/2.0	1200	4MH
DBS-8479N530	7.9-8.4	28	3.0	30	.05	40	2.0/2.0	1200	4MH

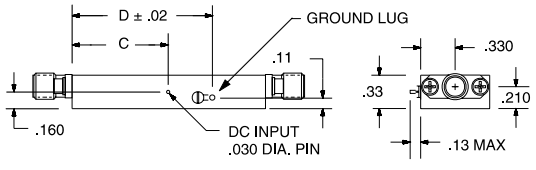
All above-mentioned amplifiers include internal voltage internal regulator with input voltage of +11.8 Vdc to +15.5 Vdc.
Maximum RF input power is 20 dBm (CW) or 30 dBm pulse, 1 microsecond and 1% duty cycle.
These amplifiers are also offered with temperature compensation and a variety of gain boxes under special request.

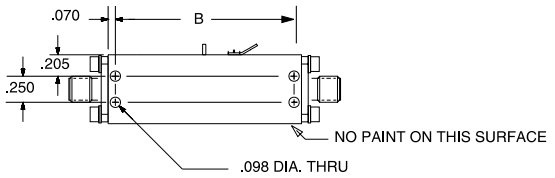
OUTLINE DRAWING



CASE	A DIM	B DIM	C DIM	D DIM
DBX-SMH	.868	.728	.43	---
DBX-1MH	1.116	.976	.43	.68
DBX-2MH	1.359	1.220	.68	1.13
DBX-3MH	1.602	1.462	.68	1.13
DBX-4MH	1.845	1.705	.92	1.37
DBX-5MH	2.088	1.948	.92	1.37
DBX-6MH	2.331	2.190	1.17	1.61
DBX-7MH	2.574	2.434	1.41	1.86
DBX-8MH	2.817	2.677	1.41	1.86

NOTES:
1. ALL DIMENSIONS ARE IN INCHES.
2. TOLERANCE: .XX = ± .02
   .XXX = ± .010
3. ALL TOLERANCES APPLY BEFORE PAINT & LABELING.
4. RF CONNECTORS ARE SMA FEMALE.





narda
an L3 communications company

USA TEL: (1) 631 231-1700 • INT'L TEL: (1) 631 231-1390 • FAX (1) 631 231-1711
E-MAIL: nardaeast@L-3COM.com • www.nardamicrowave.com

Standard Communication Band Amplifiers

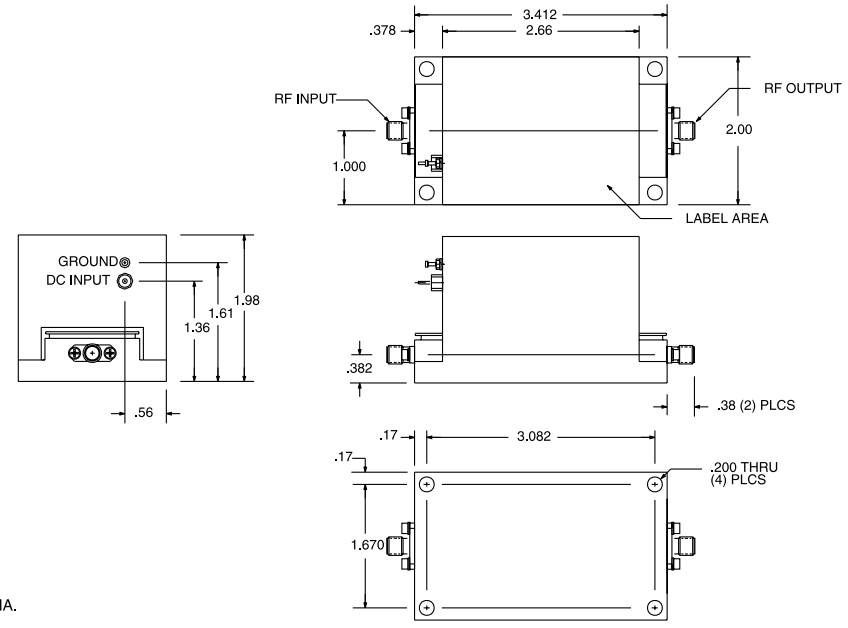
HIGH POWER LINEAR AMPLIFIERS

SPECIFICATIONS

MODEL NUMBER	FREQUENCY RANGE (GHz)	GAIN MIN (dB)	NOISE FIGURE MAX (dB)	P1dB MIN (dBm)	GAIN FLATNESS MAX (±dB)	IP3 TYP (dBm)	VSWR 50 OHMS I/O TYP	CURRENT @ 12 Vdc MAX (mA)	CASE OPTIONS
DBP-5044N637	4.0-5.0	35	6.0	37	1.0	40	2.0/2.0	3750	DBH-M
DBP-5954N637	5.4-5.9	35	6.0	37	1.0	40	2.0/2.0	3750	DBH-M
DBP-6459N637	5.9-6.4	35	6.0	37	1.0	40	2.0/2.0	3750	DBH-M
DBP-7772N637	7.25-7.75	35	6.0	37	1.0	40	2.0/2.0	3750	DBH-M
DBP-8479N637	7.9-8.4	35	6.0	37	.1.0	40	2.0/2.0	3750	DBH-M

All above-mentioned amplifiers include internal voltage internal regulator with input voltage of +11.8 Vdc to +15.5 Vdc.
Maximum RF input power is 20 dBm (CW) or 30 dBm pulse, 1 microsecond and 1% duty cycle.
These amplifiers are also offered with temperature compensation and a variety of gain boxes under special request.

OUTLINE DRAWING



NOTES:
1. ALL DIMENSIONS ARE IN INCHES.
2. TOLERANCE: .XX= ±.02
   .XXX= ±.01
3. ALL TOLERANCES APPLY BEFORE PAINT AND LABELING.
4. RF CONNECTORS ARE FEMALE SMA.